

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 11-292784

(43)Date of publication of application : 26.10.1999

(51)Int.Cl.

A61K 35/84  
A61K 7/00  
A61K 31/07  
A61K 31/675  
A61K 35/78  
A61K 38/44  
A61K 45/00

(21)Application number : 10-112714

(71)Applicant : NOEVIR CO LTD

(22)Date of filing : 07.04.1998

(72)Inventor : OGAWA ATSUKO

## (54) PREPARATION FOR EXTERNAL USE FOR SKIN

## (57)Abstract:

PROBLEM TO BE SOLVED: To obtain a preparation for external use for skin that is excellent in prevention of skin roughening and skin aging and has the action to inhibit the damage of dermal fibroblast cells by ultraviolet rays; is effective for the prevention and improvement of the symptoms such as occurrence of wrinkles or deterioration in skin elasticity; and has the effect for preventing or improving the formation of peroxide lipids caused by the occurrence of active oxygen in the skin, skin inflammation and roughening.

SOLUTION: A combination of an extract from Agaricus mushroom fruits with an active oxygen scavenger is formulated to a preparation for external use for skin. As an active oxygen scavenger, is preferably used an extract from plants having the action to scavenge active oxygen, for example, Hamamelis, Quercus, Aesculus, Sanguisorba, Paeonia, Ginkgo bibloba L., Betulaceae tree, parsley (Petroselinum sativum or the like); additionally, carotenoid, flavonoid, tannin, superoxide dismutase, gallic acid and its salts or derivatives, hydroquinone, thioredoxin, thioredoxin reductase and the like.

## LEGAL STATUS

[Date of request for examination]

15.05.2001

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's

decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2000 Japan Patent Office